			0	RDER	FOR SU	PPL	IES OR S	ERVIC	EES					PAGE 1	OF 14	
1. CONTRACT/PURCH. ORDER/ AGREEMENT NO. N65540-15-D-0006 2. DELIVERY ORDER/ CA					ORDER/ CALI	L NO.	3. DATE OF ORI (YYYYMMMD) 2016 Sep 14		4. REQ./P		REQUES	TNO.	5. P	RIORITY		
5. ISSUED BY NAVAL SURFA (b) (6) 5001 SOUTH B PHILADELPHIA	CE WAR	REE	CODE CENTER PHIL	N64498 A		D C M A 2000 I	MINIST ERED A HAMPTON ENTERPRISE PA PTON VA 23666		er than (6)	CODE	S5111A		X DE	RY FOB STINATI HER cdule if oth	
NAME LAF AND 464	O SYSTEI RRY KEIT 6 N WITC	H HDU	1C.	7B572			FACILITY [SEE 12. D	YYYYM M E SCHE ISCOUN	(MDD) DULE IT TERMS		(Date) 11.	SM A SM A DIS W O	F BUSINES: ALL ALL ADVANTAG MEN-OWN	GED
										tem 1		SIUIH	E ADDRES	S IN BL	OCK	
14. SHIP TO NAVAL SURFA NSWC PHILAD NSLC DETACH 1601 LANGLEY PHILADELPHI	DELPHIA HMENT	DIVIS				DFAS P.O. E	AYMENT WIL COLUMBUS CE SOX 182264 MBUS OH 43218	ENTER,SOL			E НQ033	38	I	ACKA PAPER DENTIF NUMB	K ALL GES AND S WITH IC ATIO N ERS IN 1 AND 2	
16. DEI TYPE CAI	IVERY/ L	Х	This delivery or	rder/call is is	sued on anothe	r Govei	rnment agency or i	n accordance	with and	subject t	o terms an	d condition:	s of above nun	bered co	ntract.	
OF ORDER	CHASE		Reference your Furnish the foll	•	rms specified he	erein. R	EF:									
	x is marl TING AN	ced, s	ORDER AS I AND COND	T MAY P IT IONS SI	REVIOUSLY ET FORTH, SIGN	AND A	EREBY ACCE TE BEEN OR IS AGREES TO P RE e following nun	S NOW MOERFORM	ODIFIED THE SAI	ME.	ЕСТ ТО	AND TI	THE TERM	M S	ATE SIGN	
18. ITEM NO		19. SCHEDULE OF SUPPLIES/ SERVICES				CES	OR	20. QUANTITY ORDERED/ ACCEPTED* 21. UNIT 22. UNIT		r PRICE	23.	AMOUN'	Γ			
			ernment is same a If different, enter	24. TEL	CHEDULE UNITED STATE (h) (6) IL: (h) (6)		AMERICA	(b) (6)				25. TOTA 26.	L	\$537,224.30	
quantity accepte	d below qu	antity	ordered and enc	ircle. BY:	Jane M. DeMa	atto		CONTR	ACTING /	ORDER:	ING OFFI	CER	DIFFERENC	ES		
INSPECT	ED	REC			ED, AND CO		MSTOTHE OTED									
b. SIGNATUI	RE OF A	UTH	ORIZED GOV	ERNMEN	T REPRESEI	NTAT	IVE	c. DATE	(MDD)				ND TITLE ESENTATI		THORIZE	D
e. MAILING	ADDRES	SS OF	AUTHORIZE	ED GOVER	RNMENT RE	EPRES	SENT AT IVE	28. SHIP	NO.	29. D	o vouc	CHER NO.	30. INITIALS			
f. TELEPHO	NE NUM	1BER	g. E-MAII	L ADDRES	SS			PAF	RTIAL AL	32. P	AID BY		33. AMOU CORRECT		RIFIED	
-			is correct a					31. PAYN		1			34. CHECI	K NUM	BER	
a. DATE (YYYYMMMDD)	b. SIGN	NATU	JRE AND TIT	LE OF CE	ERTIFYING	OFFIC	CER	. —	MPLETE RTIAL	3			35. BILL (OF LAD	ING NO.	
37. RECEIVE	D AT	3.8	B. RECEIVED	BY				40.TOTA	.L		R ACCO	UNT NO	. 42. S/R VO	OUCHE	R NO.	
					(1)	YYYM M	м DD)	CONT	AINERS	1						

Section B - Supplies or Services and Prices

ITEM NO 0002	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT (b) (4)			
0002	Engineering and Technica CPFF FOB: Destination	l Services			(0) (4)			
			TOTAL EST	COST + FEE	(b)			
ITEM NO 0002AA	SUPPLIES/SERVICES Holding SLIN for CLIN 0 CPFF	QUANTITY 1 0002	UNIT Lot	UNIT PRICE	AMOUNT (b) (4)			
	This priced SLIN is a holding SLIN for administrative purposes. This SLIN will be reduced with every additional incremental funding modification. The total unfunded ceiling on CLIN 0002 is (b) (4) FOB: Destination							
			TOTAL EST	COST + FEE	(b)			
ITEM NO 0002AB	SUPPLIES/SERVICES	QUANTITY 1	UNIT Lot	UNIT PRICE	AMOUNT (b) (4)			
	Funding for CLIN 0002 CPFF FOB: Destination PURCHASE REQUEST NUMBER: 1300589188							
	ACRN AA CIN: 130058918800001		TOTAL EST	FIXED FEE COST + FEE	(b) (4)			

N65540-15-D-0006 0009 Page 3 of 14

ITEM NO SUPPLIES/SERVICES QUANTITY **UNIT UNIT PRICE**

0004

(b) (4)

Support Costs

COST

FOB: Destination

ESTIMATED COST

ITEM NO SUPPLIES/SERVICES QUANTITY **UNIT UNIT PRICE** 0004AA 1

Lot

AMOUNT (b) (4)

AMOUNT

(b) (4)

AMOUNT

Holding SLIN for CLIN 0004

COST

This priced SLIN is a holding SLIN for administrative purposes. This SLIN will be reduced with every additional incremental funding modification. The total unfunded ceiling on CLIN 0004 is (b) (4)

FOB: Destination

ESTIMATED COST (b) (4)

SUPPLIES/SERVICES UNIT **UNIT PRICE** ITEM NO **QUANTITY** 0004AB Lot

Funding for CLIN 0004

COST

FOB: Destination

PURCHASE REQUEST NUMBER: 1300589188

ESTIMATED COST

ACRN AA

CIN: 130058918800002

INCREMENTAL FUNDING

This Award has hereby been funded in the amount of (b) (4) . As a result, the total amount of funding obligated and available for payment under this order is (b) (4) . It is estimated that the funding under this order will cover the cost of performance through 31 August 2017. In accordance with contract clause 52.232-22, Limitation of Funds, the Government is not obligated to reimburse the contractor for any costs incurred in excess of (b) (4) unless additional funds are made available and obligated under this order in a subsequent modification. The total unfunded balance remaining is (b) (4) based on the total delivery order value.

Section C - Descriptions and Specifications

STATEMENT OF WORK

STATEMENT OF WC	<u>PRK</u>
Labor Category	QED
	QED / LPI
Program Manager	_(b) (4)
Senior Engineer	
Engineer	
Logistician	
Quality Assurance Specialist	
Technical Writer	
System/Program Analyst	
Computer Programmer	
CAD Designer	_
Clerk/Typist	
White Collar Work	
Percentage	
Sr. Engineering Tech	
Sr. Engineering Tech OT	
Engineering Tech	
Engineering Tech OT	
Planner/Estimator	
Planner/Estimator OT	
Site Foreman	
Site Foreman OT	
Quality Assurance	
Technician	
Quality Assurance	
Technician OT	<u> </u>
Marine Equipment	
Mechanic Marine Equipment	 -
Mechanic OT	
HVAC Technician	
HVAC Technician OT	_
Electronics Technician	_
Electronics Technician OT	
Marine Machinist	
Marine Machinist OT	
Marine Electrician	_
Marine Electrician OT	_
Shipfitter	_
Shipfitter OT	_
Burner/Welder	
Burner/Welder OT	_
Maintenance Trades Helper	_
	<u> </u>
Maintenance Trades Helper OT	
Pipefitter	
Pipefitter OT	
Painter/Sandblaster	
Painter/Sandblaster OT	
Insulator/Lagger	
Insulator/Lagger OT	 -
madator/ Lagger O1	

Total Hours	890 / 4190

STATEMENT OF WORK

1.0 BACKGROUND

1.1 Naval Surface Warfare Center Philadelphia Division (NSWCPD) Code 213, in support of the Hazardous Minimization Center (HAZMIN Center) Program, requires the accomplishment of Ship Alteration (SHIPALT) DDG(b) (2) aboard two (2) DDG-(b) Class Ships. The SHIPALT provides structural, outfitting, piping, ventilation, and electrical system modifications to existing compartments to ensure the safe stowage of shipboard hazardous materials. The SHIPALT includes upgrades to space outfitting and ventilation in the HAZMIN Center which alleviate existing safety concerns and improve the habitability of the spaces.

2.0 SCOPE

- 2.1 Accomplish the Hazardous Material Minimization Center (HAZMINCEN) SHIPALT DDG51-288K on two (2) DDG-(b) Class Ships located in Norfolk, Virginia and San Diego, California. Installation will include technical, blue-collar, and logistics support for, but not limited to, material procurement and kitting, prefabrication, material shipping, removal and reinstallation of all interferences, space modification and installation, testing of new and disturbed structures and systems, and related Quality Assurance. Contractor will provide all materials regardless of drawing designation of Installing Activity Furnished (IAF) or Government Furnished Material (GFM) and/or as directed by the Program Manager, tooling, and personnel for ship check and installation. All work will be in accordance with NAVSEA Ship Installation Drawings (SIDs) that are provided as GFI. Interface with host shipyard will be required, as the shipyard will be responsible for providing hotwork and associated firewatch during the availabilities, as well as standard services like air, electricity, lighting, etc.
- 2.2 Affected spaces and required materials are identified on SIDs that are provided as Government Furnished Information (GFI). Applicable SIDs are identified in References 3.2 through 3.5 of this document.
- 2.3 SHIPALT installation, planning, and execution shall be accomplished in accordance with SIDs, NAVSEA Standard Items, and all references listed in Section 3 of this document.

3.0 APPLICABLE DOCUMENTS

- 3.1 Ship Alteration Record (SAR) for SHIPALT DDG51-228K
- 3.2 NAVSEA DWG SA288K on DDG(2) NSTL HAZMINCEN, ELEC MODS & ML (320-8696607 Rev A)
- 3.3 NAVSEA DWG SA288K on DDG NSTL HAZMINCEN PIPING MODS & ML (505-8696608 Rev A)
- 3.4 NAVSEA DWG SA288K on DDG NSTALL HAZMINCEN VENT MODS & ML (512-8696609 Rev A)

- 3.5 NAVSEA DWG SA288K on DDG(b: INSTL HAZMINCEN, HULL OUTFIT / STRL MODS & ML (672-8696610 Rev A)
- 3.6 NAVSEA Standard Items (http://www.supship.navy.mil/ssrac4/standard.htm)
- 3.7 S9074-AR-GIB-010/278 Requirements for Fabrication, Welding and Inspection, and Casting Inspection and Repair for Machinery, Piping and Pressure.
- 3.8 MIL-STD-1689 Fabrication, Welding and Inspection of Ships Structure.
- 3.9 SERMC Local Standard Items (http://www.navsea.navy.mil/CNRMC/SERMC/SSRAC1/default.aspx)

4.0 REQUIREMENTS

- 4.1 In support of the SHIPALT, the contractor shall participate in ship checks and review all referenced installation drawings in order to gain a complete understanding of installation, prefabrication requirements and quantity and type of cables and terminal connections required. The contractor should be aware that the specifics of the installation will change from ship to ship. The government will provide drawings to account for the differences specific to each hull closer to the time of installation.
- 4.2 Using NAVSEA Standard Items and refs 3.12 & 3.13, the contractor shall develop a QA Workbook for each installation to be maintained and updated on-site. The QA Workbook shall be delivered to the NSWCPD Program Manager no later than forty-five (45) days prior to the start of the install (CDRL-A004) and shall be available on-site at all times during the installation. The contractor shall be responsible for developing, maintaining, and following all requirements for QA procedures. These Workbooks shall be used to keep an in-process record of Quality Control Inspections. A completed copy of the QA Workbook shall be provided to NSWCPD 2130 personnel within two weeks after completion of each installation. The QA Workbook must be accessible/viewable to NSWCPD onsite personnel during the entire availability and formatted as follows:

Section 1: Alteration/SC description

Section 2: Personnel

Section 3: Processes

Section 4: Installation POA&M

Section 5: SC/ SIDs or Install Procedures

Section 6: T&I Plan

Section 7: T&I Records

- 4.3 Ensure compliance with all applicable Shipboard and industrial safety regulations and conform to Shipboard routine with regard to cleanliness, personnel conduct, and the Ship's security and integrity.
- 4.4 Provide all skilled and qualified personnel required to accomplish the SHIPALT as specified in this document including, but not limited to, prefabrication of components and pre- and post-installation testing required in the performance of the installation.
- 4.5 Provide verification of certification for welders, pipe fitters and all trades requiring certification. Personnel shall carry on their person a copy of the certification at all times during the alteration. No welder shall be permitted to work in connection with alteration to vessels unless they are, at the time,

qualified to the standards established by the U.S Coast Guard American Bureau of Shipping or the Department of the Navy for the type of welding being performed. No welder shall be permitted to work on production applications of welding other than those for which they have been qualified and approved by NAVSEA Philadelphia.

- 4.6 Maintain all Process Control sheets in accordance with this Contract and individual orders against this Contract.
- 4.7 Make repairs to tooling, machinery/equipment damaged during manufacturing, assembly, or shipboard installation.
- 4.8 Perform equipment and system level light off and testing and assist the In-Service Engineering Agent (ISEA) with each system certification or inspection, as required.
- 4.9 Provide the Program Manager with a Project Schedule (POA&M) for the installation in Microsoft Project V4.0 or similar format fourteen (14) days after award of this DO and again upon each POA&M revision. Once the installation has begun, the POA&M shall be revised weekly to accurately represent the progress of each installation milestone, and shall include percentage completion data for each task. Any inconsistencies between work completion and expenditures shall be addressed to the satisfaction of the Program Manager.
- 4.10 Utilizing installation drawings, the contractor shall develop a material list detailing all material required to complete the installation. The contractor shall order all material, including items identified as Government Furnished Material (GFM), on the SIDs and purchase all incidental material required for the installation of the SHIPALT. The contractor shall provide the Program Manager with a complete inventory of material ordered for the installation and delivery schedule no later than fourteen (14) days after award of this DO. All outstanding material must be addressed by providing Estimated Delivery Date (EDD) until material is delivered.
- 4.11 Provide required personnel to accomplish packing of materials, equipment, tools, and prefabricated parts for shipping to and from the installation site.
- 4.12 Provide the Program Manager with a prefabrication schedule for each installation.
- 4.13 Provide overall status reports to the Program Manager in writing (memo or e-mail) on a weekly basis from task initiation until the installation is complete. Status shall include efforts for advance-planning, material procurement, and installation progress.
- 4.14 Provide the Program Manager with overall material, installation, and financial status report via e-mail commencing fourteen (14) days after award of Delivery Order and monthly thereafter, or more frequently as conditions warrant. Information shall be provided at the task/ship level and shall address estimated costs, funded amount, expended amount, and remaining balance. Cost reporting shall address Labor and ODCs in terms of cost and hours.
- 4.15 Provide an informational packet describing the alteration, systems, and spaces impacted in support of the In-Brief for the installation in MS PowerPoint format.

- 4.16 Provide digital pictures of key events during the installation, as warranted, and of the completed installation. Digital pictures shall capture before/after configurations of key areas as well as any areas or events that would be enhanced by pictures.
- 4.17 Provide all Condition Reports to the Program Manager within one (1) week of identifying the condition.
- 4.18 Provide three (3) sets of red-line drawings (using SIDs, Paragraphs 3.2 through 3.5) at the completion of the installation to document the installed configuration. One (1) set shall be provided to the On-Site Installation Coordinator (OSIC) prior to departure to for delivery to the Ship; two (2) sets shall be provided to the Program Manager .
- 4.19 Provide a "Lessons Learned" report to the Program Manager within fourteen (14) days after completion of each installation.
- 4.20 Provide a DD-250 and Final Return Cost Report that identifies final costs of labor, material, travel and ODCs, including breakdown of ODC costs for each installation. Provide the Program Manager with a DD-250 and a final record of all Return Costs for each installation showing labor, material, ODC breakdown, and travel cost within thirty (30) days of completion of each installation.
- 4.21 The contractor shall provide the necessary facilities, equipment, tools and trained trade personnel to support installation and testing of all the Navigation Upgrade installed systems and interface equipment.
- 4.22 Contractor shall attend all on-site daily meetings between MSR, RMC, Ship's Force and NSWCPD.

5.0 DELIVERABLES/SCHEDULE

- 5.1 Provide the Program Manager with a Delivery Order Status Report within (14) days of award of this Delivery Order and provide updates weekly thereafter. Provide details on overall material, installation, and financial status via e-mail. Information shall be provided at the task/ship level. Status shall include efforts for advance-planning, material procurement, and installation progress. (CDRL-A001)
- 5.2 Provide the Program Manager with a Financial Status Report within (14) days of award of this Delivery Order and submit updates bi-weekly thereafter. Information shall be provided at the task/ship level and shall address estimated costs, funded amount, expended amount, and remaining balance. Cost reporting shall address Labor and ODCs in terms of cost and hours. Upon completion of the each installation, provide a DD-250 and Final Return Cost Report that identifies final costs of labor, material, travel and ODCs, including breakdown of ODC costs for each installation. (CDRL-A002)
- 5.3 Provide the Program Manager with a detailed Plan of Action and Milestones (POA&M) for each installation in Microsoft Project format in accordance with the requirements of Reference 3.12. The initial POA&M will be submitted within fourteen (14) days after award of this Delivery Order. Updated POA&Ms will be provided weekly for the duration of each installation. (CDRL-A003)
- 5.4 Provide the Program Manager with the Quality Assurance Workbook a minimum of forty-five (45) days prior to the beginning of industrial work for each installation. (CDRL-A004)

- 5.5 Provide the Program Manager with Weekly Production Status Reports for the duration of each installation. Status report shall address progress, work completed, work planned, conditions found, and concerns. (CDRL-A007)
- 5.6 Provide three (3) full sets of red-line drawings for the final installation upon completion of the alteration and prior to departure from the Ship as follows: two (2) sets to the Program Manager, and one (1) set to the Ship via the Government On-Site Installation Coordinator (OSIC). (CDRL-A008)
- 5.7 Provide the Program Manager with a "Lessons Learned" report within fourteen (14) days of each alteration completion. (CDRL-A009)
- 5.8 Provide the Program Manager with a material inventory status report and delivery schedule for the installation no later than fourteen (14) days after award of this Delivery Order. Updated material status reports shall be provided weekly until all material is received. (CDRL-A011)
- 5.9 Provide the Program Manager with a Shipcheck Report within fourteen (14) days of completion of pre-installation Shipcheck for each installation. (CDRL-A013)
- 5.10 Provide the Program Manager with the completed installation and check-out test reports, Sections 6 and 7 of the Quality Assurance Workbook. (CDRL-A014)
- 5.11 Provide the Program Manager with technical reports as required in section 4.12 (Prefabrication Schedule). (CDRL-A015)

6.0 SCHEDULE

6.1 The installation preparation will commence immediately upon Delivery Order award. A shipcheck will be required and scheduled by the Program Manager for each ship. Shipchecks and installations will occur in Norfolk, VA and San Diego, CA. The installations will occur during CNO availabilities beginning in December 2016 and February 2017.

7.0 GOVERNMENT FURNISHED INFORMATION/MATERIAL

- 7.1 Ship-specific Ship Installation Drawings (SIDs) are referenced in Paragraphs 3.2 to 3.5 for one of the two installations. SIDs for the second installation will be provided when available. For the purpose of this quotation, assume the work will be identical for both installations.
- 7.2 Ship Alteration Record (SAR) SHIPALT DDG(b) (2)
- 7.3 Ship availability schedules.

8.0 CONTRACTOR FURNISHED MATERIAL

8.1 The contractor will provide all materials required to complete the work tasked under this Delivery Order (DO). The contractor will procure all material required per the SIDs as identified in Paragraphs 3.2 to 3.5, including any items listed as

Government Furnished Material (GFM).

9.0 TRAVEL

- 9.1 Travel from Norfolk, VA to San Diego, CA to support shipcheck.
- 9.2 Travel from Norfolk, VA to San Diego, CA to support installation.

10.0 CLASSIFIED MATERIAL

10.1 None.

11.0 PERIOD OF PERFORMANCE

11.1 Award through August 31, 2017.

12.0 PLACES OF PERFORMANCE

12.1 Work under this DO will be performed in Norfolk, VA and San Diego, CA in both Navy and commercial facilities.

13.0 OVERTIME

13.1 Overtime is requested for the installation team in order to complete the installation within the periods of availability of the ship.

14.0 CONTRACTING OFFICER'S REPRESENTATIVE (COR)

14.1 The COR for this Delivery Order is Mr. (b) (6) NSWCPD Code (b) Philadelphia, PA (b) (6)

15.0 TECHNICAL POINT OF CONTACT (TPOC)

15.1 The TPOC for this Delivery Order is Ms. (b) (6) NSWCPD Code (b) , Philadelphia, PA (b) (6)

15.2 The ATPOC for this Delivery Order is Ms. Anne DeMirjian, NSWCPD Code (b) , Philadelphia, PA (b) (6)

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0002	Destination	Government	Destination	Government
0002A	A Destination	Government	Destination	Government
0002AF	B Destination	Government	Destination	Government
0004	Destination	Government	Destination	Government
0004A	A Destination	Government	Destination	Government
0004AF	B Destination	Government	Destination	Government

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	DODAAC
0002	N/A	N/A	N/A	N/A
0002AA	A POP 01-SEP-2016 TO 31-AUG-2017	N/A	NAVAL SURFACE WARFARE CENTER PHILA (b) (6) NSWC PHILADELPHIA DIVISION NSLC DETACHMENT 1601 LANGLEY AVE, (b) (6) PHILADELPHIA PA 19112-5051 (b) (6) FOB: Destination	N64498
0002AE	3 POP 01-SEP-2016 TO 31-AUG-2017	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N64498
0004	N/A	N/A	N/A	N/A
0004AA	A POP 01-SEP-2016 TO 31-AUG-2017	N/A	NAVAL SURFACE WARFARE CENTER PHILA (b) (6) NSWC PHILADELPHIA DIVISION NSLC DETACHMENT 1601 LANGLEY AVE, (b) (6) PHILADELPHIA PA 19112-5051 (b) (6) FOB: Destination	N64498
0004AE	3 POP 01-SEP-2016 TO 31-AUG-2017	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N64498

Section G - Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AA: 1761804 8U5N 251 V5P00 0 050120 2D 000000 COST CODE: A00003563921 AMOUNT: (b) (4) CIN 130058918800001: (b) (4)

CIN 130058918800002:

Section J - List of Documents, Exhibits and Other Attachments

CDRLS

CDRLS

The following CDRLs will be uploaded in EDA:

A001 – Delivery Order Status Report

A002 - Financial Status Report

A003 - Plan of Actions & Milestones (POA&M)

A004 – Financial Status Report

A007 – Weekly Production Status Reports

A008 - Redline Drawings

A009 - Lessons Learned Report

A011 – Material Status Report

A013 – Shipcheck Report

A014 - Completed Installation Records & OQE

A015 – Technical Reports